| FORM | PTO- | 1449. | Adapted |
|------|------|-------|---------|

| | | LIST OF | INFORN | IATIO (Use seve | N DISC ral sheets if | LOSED BY necessary) | APPI | LICANT | |
|---------------------|----------|-----------------|------------|--------------------|-------------------------|---------------------|-------|----------|-------------------------------|
| ATTY. DOG | CKET | NO. | SERIAL NO. | • | FILING DA | | | | |
| 09824.10500 | | | Unassigned | | September : GROUP | 15, 2003 | | | |
| APPLICAN | | _ | | | 1772 | | | | |
| Ian S. Malp | ass, et | al. | - | U.S. PA | TENT DOC | UMENTS | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | | NAME | | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| ٧_ | AA | 1,613,158 | 01-04-27 | Brewer | | - | | | , |
| N | AB | 2,081,992 | 06-01-37 | Gavlak | | | | | |
| ~ | AC | 2,217,821 | 07-15-38 | Shiner | | | | | |
| ٦ | AD | 4,361,614 | 11-30-82 | Moffitt, | r. | | | | |
| ٩ | AE | 4,528,231 | 07-09-85 | Lund | | | | | |
| ٦ | ΑF | 4,557,475 | 12-10-85 | Donovan | | | | | |
| u | AG | 5,305,565 | 04-26-94 | Nagahan | na ** | | | | |
| 2 | АН | 5,456,966 | 10-10-95 | Austin | | | | | |
| n | A | 5,482,754 | 01-09-96 | Crook | | | | | |
| 1 | AJ | 5,613,332 | 03-25-97 | Saylor, J | r | | | | |
| 1 | AK | 5,778,609 | 07-14-98 | Pawson | | | | | |
| v | AL | 5,815,995 | 10-06-98 | Adam | | | | | |
| 1 | AM | 5,882,764 | 03-16-99 | Kessler | | | | | |
| h | AN | 5,958,538 | 09-28-99 | Kessler | | | _ | | |
| ~ | AO | 6,014,779 | 01-18-00 | Lindholt | m . | | | | |
| ٨ | AP | 6,042,915 | 03-28-00 | Kessler | | ····· | | | |
| 4 | AQ | 6,068,908 | 05-30-00 | Kessler | | | - | | |
| FYAMIN | AR | - 0 | 09-19-00 | Deshon | | DATE CONSI | DERED | | |
| EXAMIN | ck —— | Da ly | | | | DATE CONSI | | 8/23/00 | 1 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1 | 449, Ad | | | | | | | | |
|-------------------------|---------|--------------------------|---------------|--------------------|-------------------------|-----------------|------------|-------------|-------------------------------|
| | | LIST OF | INFORM | MATIO (Use seve | N DISC ral sheets if | LOSED B | SY APPI | LICANT | |
| ATTY. DO | CKET | NO. | SERIAL NO |) . | FILING DA | TE | | | |
| | | | Unassigned | | September | 15, 2003 | | | |
| 09824.10500 APPLICAN | | | Chassignea | | GROUP | | | | |
| Ian S. Malp | | al. | | | 1772 | | | | |
| IAI O MAP | | | | U.S. PA | TENT DOC | UMENTS | | | |
| EXAMINER INITIAL | • | DOCUMENT NUMBER | DATE | | NAME | | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| V | ВА | D238,538 | 01-27-76 | Smith | | | | | |
| N | ВВ | 2,084,126 | 02-12-63 | Bogar et | al. | | , | | |
| w | BC | 6,289,528 BA | 09-18-01 | Ridder et | al | | | | |
| ~ | BD | 2,084,126 | 06-15-37 | Brewer e | t al. | | | | |
| | ВЕ | | | | - | | | | |
| | BF | | | | • | | _ | <u> </u> | |
| <u> </u> | BG | | | | | | | | |
| | ВН | | | | | | | | 1 |
| | _ | | | | | | | | |
| | | | | | · | | | | |
| | | | 1 | | | <u> </u> | | | |
| | | | | | | | | | |
| | <u></u> | | | | | | | | |
| | | | | ì | | | |] | |
| | | | | | | | | | |
| | | | | | | | | | |
| EXAMIN | ER | Λ <i>Υ</i> | | | | DATE CON | NSIDERED | 8/23/ | l |
| EXAMIN | ER: I | nitial if reference cons | dered, wheth | er or not ci | tation is in co | onformance wit | h MPEP 609 | | |
| conforma | nce an | d not considered. Incl | ide copy of t | his form w | th next comm | nunication to a | ppiicant. | | |

| OLEE | 7080 | 5/11/19 |
|-----------|---------|-------------------|
| WAN OF BE | Wro-Es. | Adapted I IST OF |

| TY. DOC 324.105008 | KET NO |). | SERIAL NO. 10/662,956 | | FILING DATE September 15, 2003 | | | | |
|------------------------|----------|-----------------|--------------------------|--------|-----------------------------------|---------------------------------------|------------------|-------|---------------|
| PLICANT ipass et al | | | | | GROUP 1772 | | | | |
| | | | U. | S. PA | TENT DOCUMENTS | | | | |
| AMINER NITIAL | | DOCUMENT NUMBER | DATE | | NAME | CLASS | SUBCLASS | | ING DATE |
| | AA | 4,613,158 | 1/4/1927 | Brev | wer, Frederick C. | | | 3/28/ | 1925 |
| av | AB | 2,466,502 | 4/5/1949 | Still | er, B. | | | 8/30/ | 1948 |
| ~ | AC | 3,251,076 | 5/17/1966 | Burl | ce, D. M. | | _ | 3/19/ | 1965 |
| W | AD | 3,418,668 | 12/31/1968 | And | erson et al. | | <u> </u> | 6/11/ | 1965 |
| | AE | -6,014,779 | -1/18/2000 | Lind | holm, Venicia | | | 3/19/ | 1998 |
| | AF | | | | | | | | |
| | | | FORI | EIGN I | PATENT DOCUMENTS | · · · · · · · · · · · · · · · · · · · | | TDANO | LATION |
| | | DOCUMENT NUMBER | DATE | COUN | TRY NAM | ие | | YES | LATION NO. |
| | AG | | | | | | | | |
| | AH AI | | | | | | | | |
| | /u | OTHER R | EFERENCES | (Inclu | ding Author, Title, Date, P | ertinent Pao | res Etc.) | | |
| | AJ | | | | bruary 19, 2004. | | <u>co, 13.c.</u> | | |
| | AK | | | | | | | | |
| | AL | | | | | | | | |
| | AM | | | | | | | | |
| | AN | | | | | | | | |
| | AO | | | | | | ····· | | |
| | AP | | | | | | | | |
| | AQ | | | | | | | | |
| <u>.</u> | | • | | | | _ | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| (, | JUN 0 1 2004 E LIST O | | ON DISCLOSED BY APPLICANT everal sheets if necessary) | Page 1 of 2 |
|-----|---|--------------------------|---|-------------|
| | Ж. Т. | SERIAL NO. 10/662,956 | FILING DATE September 15, 2003 | |
| | APPLICANT Malpass et al. | | GROUP 1772 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------------|-----------------------|-------|----------|-------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| ~ | AA | 1,190,179 | 7/4/1916 | Livingston, Edward L. | | | 10/15/1915 |
| h | AB | 1,201,256 | 10/17/1916 | Clarke, Walter H. | | | 12/6/1915 |
| ч | AC | 2,471,008 | 5/24/1949 | Pretty, George E. | | | 4/9/1946 |
| 4 | AD | 2,512,310 | 6/20/1950 | Corson, William G. | | | 1/28/1949 |
| ٩ | AE | 2,681,865 | 6/22/1954 | Heine, Henry W. | _ | | 1/28/1952 |
| 1 | AF | 3,034,140 | 5/15/1962 | Reynolds, John A. | _ | | 9/8/1961 |
| ٨ | AG | 3,076,976 | 2/12/1963 | Bogar, Lawrence A. | | | 2/19/1962 |
| ٩ | АН | 4,010,302 | 3/1/1977 | Anderson et al. | _ | · | 4/12/1976 |
| 1 | ΑI | 4,622,260 | 11/11/1986 | Tesch, Guenter H. | _ | | 7/26/1982 |
| Ц | AJ | 4,637,942 | 1/20/1987 | Tomarin, Seymour A. | | | 9/23/1985 |
| 1 | AK | 4,804,567 | 2/14/1989 | Reuben, Harold | | | 5/26/1988 |
| и | AL | 4,829,627 | 5/16/1989 | Altus et al. | | | 10/15/1987 |
| ٩ | AM | 5,198,278 | 3/30/1993 | Sumimoto et al. | | | 5/14/1991 |
| ٦ | AN | 6,022,608 | 2/8/2000 | Dell 'Acqua, Silvano | | | 4/22/1997 |
| ٩ | AO | 6,114,014 | 9/5/2000 | Ikeda et al. | | | 4/24/1998 |
| ٩ | AP | 6,132,846 | 10/17/2000 | Wang et al. | | | 8/26/1998 |
| L | AQ | 6,656,562 B2 | 12/2/2003 | Malpass et al. | | | 4/25/2002 |
| ų | AR | 6,726,190 B2 | 4/27/2004 | Malpass et al. | - | | 7/9/2002 |
| V | AS | Des. 85,859 | 12/29/1931 | Capouch, Elmer Marvin | _ | | 4/13/1931 |

| EXAMINER). Ly | DATE CONSIDERED 8/23/-4 |
|---|--------------------------|
| EXAMINER: Initial if reference considered, whether or not citation is in conformance and not considered. Include conv. of this form with next communications. | |

LIST OF INFORMATION DISCLOSED BY APPLICANT

| (Use several sheets if necessary) | | | | | | | | |
|-----------------------------------|--------------------------|-----------------------------------|---|--|--|--|--|--|
| ATTY, DOCKET NO. 09824.105008 | SERIAL NO. 10/662,956 | FILING DATE September 15, 2003 | ÷ | | | | | |
| APPLICANT Malpass et al. | | GROUP 1772 | | | | | | |

| | | | U.S. | PATENT DOCUME | NTS | | | | |
|---------------------|----|-----------------|--------------|-------------------------|--------------------|-----------|----------|---------------------|--------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | 3 | CLASS | SUBCLASS | | G DATE OPRIATE_ |
| u | BA | Des. 414,973 | 10/12/1999 | Craft et al. | | | | 10/1/19 | 98 |
| N | BB | 2002/0114926 A1 | 8/22/2002 | Malpass et al. | | , | | 4/25/20 | 02 |
| | ВС | | | | | | | | |
| | BD | | - | | | | | | |
| | BE | | | | | | | | |
| | BF | | | | | | | | |
| | BG | | | | | | | | |
| | вн | | | | | | | | |
| | | | FOREI | GN PATENT DOCUM | MENTS | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | | NAME | | TRANSLATION YES NO | |
| ٧ | BI | WO 04/004532 | 1/15/2004 | РСТ | Malpass et a | al. | | | |
| | ВЈ | | | | | | | | |
| | BK | | | | | | | | |
| | BL | | | | | | | | |
| | ВМ | | | | | | | | |
| | | OTHER RI | EFERENCES (A | ncluding Author, Title, | Date, Pertinent Pe | ages, Etc | .) | | |
| | BN | | | | | | | | |
| | во | | | | | | | | |
| 2402624 | BP | | | | | | | | |

| EXAMINER D. Ty | DATE CONSIDERED \$\\\ 25 | 104 |
|---|-----------------------------------|-------------------------|
| EXAMINER: Initial if reference considered, whether or not citation is in conformation conformance and not considered. Include copy of this form with next communication | ance with MPEP 609; Draw line the | ough citation if not in |